

CERES Status: 10/12/94

- CERES Instrument
 - Successful review of ground and space-based CERES calibration
 - Instrument development on schedule
- ATBD Reviews
 - All CERES Subsystems received A or B grades
 - Reduce number of Atmospheric levels of radiative fluxes to 4
 - Reduce instantaneous cloud layers to 2
 - Surface flux estimates directly from TOA fluxes still in question:
 - Cess/Ramanathan anomalous cloud absorption issue
 - LW surface fluxes only currently work for clear-sky
 - Recommendation: remove from ERBE-Like data product and keep for later production in Surface Flux data products
 - Working closely with MODIS on cloud masking and cloud properties
- CERES Data System
 - Release 1 of data system ready for LaRC DAAC January, 1996
 - Release 2 of data system ready for LaRC DAAC February, 1997
 - Initial global processing tests use ERBE/AVHRR/HIRS for
 - October 1986 (NOAA 9 am only, FIRE month)
 - Dec 15, 1986 - Jan 15, 1987 (NOAA 9 and NOAA 10: am, pm)

- EOSDIS Data System
 - Barkstrom has led the Ad Hoc Working Group on Production
 - CERES Data Product Availability
 - ERBE-Like products in full production 3 months after launch
 - Surface and Atmosphere products phase in over 40 month period
 - Phase-in uses analysis of every 3rd month: Jan, Apr, Jul, Oct.